DAT DEPOSIT: June 29, 1998
DO No. <u>Y0998-256</u>

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| parent is sought on the invent                                                                          | on entitled:                                                                                                  |                                                                                                                                                                                      |                                                                      |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| MECHANISM FOR CONSTRUCTING PREI                                                                         | DICTIVE MODELS THAT ALLOW INPU                                                                                | TS TO HAVE MISSING VALUES                                                                                                                                                            |                                                                      |
| the specification of which (che                                                                         |                                                                                                               |                                                                                                                                                                                      |                                                                      |
| X is attached hereto.                                                                                   | •                                                                                                             |                                                                                                                                                                                      |                                                                      |
| was filed on                                                                                            | as United States App                                                                                          | lication Number                                                                                                                                                                      |                                                                      |
| or PCT International App                                                                                |                                                                                                               | _                                                                                                                                                                                    |                                                                      |
| and was amended on                                                                                      | (if applic                                                                                                    | cable)                                                                                                                                                                               |                                                                      |
|                                                                                                         |                                                                                                               |                                                                                                                                                                                      |                                                                      |
| I hereby state that I have revi<br>the claims, as amended by any a                                      | ewed and understand the conte<br>mendment referred to above.                                                  | nts of the above identified specifi                                                                                                                                                  | cation, including                                                    |
| I acknowledge the duty to discl<br>accordance with Title 37, Code                                       | ose information which is mate of Pederal Regulations, Secti                                                   | rial to the patentability of this a on 1.56.                                                                                                                                         | pplication in                                                        |
| which designated at least one c<br>by checking the box, any foreign                                     | country other than the United                                                                                 | ted States Code, \$119(a) - (d) or \$36 or \$365(a) of any PCT Internationa States, listed below and have also nventor's certificate, or PCT Intertion on which priority is claimed: | l application                                                        |
| Prior Foreign Application(s)                                                                            | :                                                                                                             |                                                                                                                                                                                      | Priority Claimed                                                     |
| (Number)                                                                                                | (Country)                                                                                                     | (Day/Month/Year Filed)                                                                                                                                                               | Yes No                                                               |
| ] (Number)                                                                                              | (Country)                                                                                                     |                                                                                                                                                                                      | Yes No                                                               |
| (Number)                                                                                                |                                                                                                               | (Day/Month/Year Filed)                                                                                                                                                               | Yes No                                                               |
|                                                                                                         | (Country)                                                                                                     | (Day/Month/Year Filed) ited States provisional application                                                                                                                           |                                                                      |
| to belief finde                                                                                         | r 35 U.S.C. \$119(e) of any Un:                                                                               | ited States provisional application                                                                                                                                                  | (s) listed below.                                                    |
| (Application Number)                                                                                    | (Filing Date)                                                                                                 | _                                                                                                                                                                                    |                                                                      |
| (Application Number)                                                                                    | (Filing Date)                                                                                                 | <u> </u>                                                                                                                                                                             |                                                                      |
| (Application Serial No.)                                                                                | (Filing Date)                                                                                                 | 112, I acknowledge the duty to disc.<br>in 37 CFR \$1.56 which occurred beat<br>ational filing date of this applical<br>(Status) (patented, pendin                                   | cion:                                                                |
| (Application Serial No.)                                                                                | (Filing Date)                                                                                                 | (Status) (patented, pendin                                                                                                                                                           |                                                                      |
| that willful false statements at<br>Section 1001 of Title 18 of the<br>of the application or any patent | eved to be true; and further that the like so made are punish United States Code and that we tassued thereon. | nowledge are true and that all stat<br>that these statements were made with<br>mable by fine or imprisonment, or be<br>rillful false statements may jeoparo                          | ements made on<br>h the knowledge<br>oth, under<br>dize the validity |
| POWER OF ATTORNEY: As a named this application and transact alregistration number).                     | inventor I hereby appoint the il business in the Patent and                                                   | following attorney(s) and/or agent Trademark Office connected therewis                                                                                                               | (s) to prosecute<br>th (list name and                                |
| (Reg. 25,933), Daniel P. 1<br>Cameron (Reg. 31,596), Da                                                 | o (Reg. 33,206), Jay P.<br>Morris (Reg. 32,053), Ke<br>vid M. Shofi (Reg. 30,83                               | (Reg. 29,936), Stephen C. Ka<br>Sbrollini (Reg. 36,266), Rob<br>evin P. Jordan (Reg. 40,277),<br>55), Christopher A. Hughes (Reg. 26,279), and Joseph C.                             | pert M. Trepp<br>Douglas W.                                          |
| Send Correspondence to: Stepher                                                                         | C. Kaufman, Intellectual Pro                                                                                  | perty Law                                                                                                                                                                            |                                                                      |
| IBM Corporation, P.O. Box 218, y                                                                        |                                                                                                               |                                                                                                                                                                                      |                                                                      |
| Direct Telephone Calls to: (name                                                                        |                                                                                                               |                                                                                                                                                                                      |                                                                      |
|                                                                                                         |                                                                                                               |                                                                                                                                                                                      |                                                                      |
| Full name of sole or first                                                                              | 1t                                                                                                            |                                                                                                                                                                                      |                                                                      |
| Inventor's Signature                                                                                    | abon falme                                                                                                    | 6/29/199                                                                                                                                                                             | 98                                                                   |
| 22 East Hill Road, Cortlar<br>Residence                                                                 | ndt Manor, New York 1056                                                                                      | 6-1071                                                                                                                                                                               |                                                                      |
| Canada<br>Citizenship                                                                                   |                                                                                                               |                                                                                                                                                                                      |                                                                      |
|                                                                                                         |                                                                                                               |                                                                                                                                                                                      |                                                                      |
| Same as above<br>Post Office Address                                                                    |                                                                                                               | <del>-</del>                                                                                                                                                                         |                                                                      |

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